

19970903.qrp v00_n837.qrs.970903

>From ???@??? Thu Sep 04 11:16:07 1997

Date: Wed, 3 Sep 1997 19:03:13 EDT

Subject: QRP-L digest 837

Message-Id: <97Sep3.190359edt.35189-31338+145@fidoi.cc.Lehigh.EDU>

QRP-L Digest 837

Topics covered in this issue include:

- 1) [26058] Re: Tesla - a humorous anecdote
by Ed Loranger <we6w@qsl.net>
- 2) [26059] Re: Tesla - a humorous anecdote
by "J. Skalski" <jskalski@acsu.buffalo.edu>
- 3) [26060] Monday Night Madness
by Richard Powell <ripowell@mpna.com>
- 4) [26061] GX0IIX QSL Manager *found*
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 5) [26062] Re: Solar Forecast, explained
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
- 6) [26063] Re: FEEDLINE 101
by w4bws@juno.com (Donald E Sanders)
- 7) [26064] Re: Small loop performance
by w4bws@juno.com (Donald E Sanders)
- 8) [26065] Re: Tesla - a humorous anecdote
by w4bws@juno.com (Donald E Sanders)
- 9) [26066] Russian Federation Calls
by Joel Malman <malman@BBN.COM>
- 10) [26067] Re: Back to Polishing that brass
by "Ken Hanks" <kennfd@ibm.net>
- 11) [26068] Re: ladder-line and longwire
by "Ken Hanks" <kennfd@ibm.net>
- 12) [26069] QSLs and WAS
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
- 13) [26070] Re: FEEDLINE 101 / McCoy Dipole
by "Adam B. Kanis" <adam-kanis@uiowa.edu>
- 14) [26071] Re: QSLs and WAS
by Monte Stark <ku7y@sage.dri.edu>
- 15) [26072] Wanted: Heathkit IO-102 scope manual
by N9YAI@aol.com
- 16) [26073] DX Called Me!
by Craig LaBarge <LaBarge_C@compuserve.com>
- 17) [26074] WTB unassembled 49'er kit
by N9YAI@aol.com
- 18) [26075] Interesting tid bit.
by "Vincent Ferme" <vferme@sprint.ca>
- 19) [26076] Re: Tesla, and a cheap center insulator

- by gsurrency@juno.com (Gary L L Surrency)
- 20) [26077] Re: Help -Toroids with shorted turns
by "David D. Meacham" <ddm@datatamers.com>
- 21) [26078] QRP++ ?????
by "Phil, K6LS" <k6ls@qsl.net>
- 22) [26079] SGC 2020
by "Thomas J.McCuen" <TMcCuen@compuserve.com>
- 23) [26080] Re: BUBBA/MI QRP/SP Sprints
by Hank Kohl K8DD <k8dd@contesting.com>
- 24) [26081] Re: QSLs and WAS
by "W. D. Lindsey" <70511.3041@compuserve.com>
- 25) [26082] "P" Beacon 569
by Scott Bauer <ke3nv@erols.com>
- 26) [26083] Re: FEEDLINE 101
by Bill Todd <bill@techline.com>
- 27) [26084] Re: QSLs and WAS
by AE0Q V31RY <v31ry@ix.netcom.com>
- 28) [26085] Re: QSLs and WAS
by Monte Stark <ku7y@sage.dri.edu>
- 29) [26086] Re: Pacificon '97
by Harvey Hetland <n6mm@earthlink.net>
- 30) [26087] re:GX0IPX QSL manager?
by Tony Fishpool <G4WIF@compuserve.com>
- 31) [26088] Hamfest gel cells
by Scott Bauer <ke3nv@erols.com>
- 32) [26089] Re: Russian Federation Calls
by David.Reid@asml.nl (David Reid)
- 33) [26090] re:GX0IPX QSL manager?
by David.Reid@asml.nl (David Reid)
- 34) [26091] Re: Tesla, and a cheap center insulator
by haf47@juno.com (Howard Friedman)
- 35) [26092] Re: Back to Polishing that brass
by Leon Heller <leon@lfheller.demon.co.uk>
- 36) [26093] Re: Hamfest gel cells
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 37) [26094] Re: Glue for Plexiglas?
by NilsBull@aol.com
- 38) [26095] wtb loop antenna
by John Dorson <jdorson@bbs.mpcs.com>
- 39) [26096] Re: Interesting tid bit.
by Chris Cartwright <ccart@dns.vidtel.com>
- 40) [26097] RE: WAS on 40M
by Brian Cieslak <brianc@ams-i.com>
- 41) [26098] Wire ant..
by "Thomas J.McCuen" <TMcCuen@CompuServe.COM>
- 42) [26099] Re: Hamfest gel cells
by "David Maliniak" <dmaliniak@penton.com>
- 43) [26100] Are we Communicating?

by Mike Robinson <miker@comlinear.nsc.com>
44) [26101] Re: WAS, QSLs, es stuff
by adams@chuck.dallas.sgi.com (Chuck Adams)
45) [26102] Re: WAS, QSLs, es stuff
by Monte Stark <ku7y@sage.dri.edu>
46) [26103] Loop de loop
by Steven Weber <kd1jv@moose.ncia.net>
47) [26104] OF QSL's, etc.
by kreinbd@ccgate.dl.nec.com (David Kreinberg)
48) [26105] RE: Are we Communicating?
by bill@taprov.com (Bill Cleveland)
49) [26106] Re: Are we Communicating?
by rob3ert@juno.com (Robert G. Parks)
50) [26107] Re: QRPp MW? (Not in My Physics Book!) & SPRINT
by SKIPNC90@aol.com
51) [26108] WTB test equipment
by "J. Skalski" <jskalski@acsu.buffalo.edu>
52) [26109] Tnx to all on 10 meter Calling Freq
by Greg Weinfurtner <weinfurtner@ouvaxa.cats.ohiou.edu>
53) [26110] Re: WAS, QSLs, es stuff
by gsurrency@juno.com (Gary L L Surrency)
54) [26111] 38S
by Elliott Lawrence <edl@pacbell.net>
55) [26112] Re: WAS, QSLs, es stuff
by Zack Lau <zlau@arrl.org>
56) [26113] Re: QRPp MW? (Not in My Physics Book!) & SPRINT
by "Phil, K6LS" <k6ls@qsl.net>
57) [26114] Re: 38S
by Elliott Lawrence <edl@pacbell.net>
58) [26115] Re: WAS, QSLs, es stuff
by adams@chuck.dallas.sgi.com (Chuck Adams)
59) [26116] Re: FEEDLINE 101
by Doug <doug@sunrise.alpinet.net>
60) [26117] Re: Interesting tid bit.
by Ken Lopez <kjlopez@earthlink.net>
61) [26118] Re: Loop de loop
by w4bws@juno.com (Donald E Sanders)
62) [26119] Looking for QSO with NE and HI, any takers?
by "Kevin F. Glynn" <KFGlynn@prodigy.net>
63) [26120] Re: Interesting tid bit.
by Chris Cartwright <ccart@dns.vidtel.com>
64) [26121] Messages from abaforum.es ??
by Chris Cartwright <ccart@dns.vidtel.com>
65) [26122] The Explorer II is christened....
by David Adams <adamsclan@netgate.net>
66) [26123] QRP Contest Bands
by Christopher Moore <christopher.moore@snet.net>
67) [26124] Findlay, Ohio Hamfest this weekend

- by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 68) [26125] Re: Messages from abaforum.es ??
by Jim Eshleman <lujce@hooch.cc.Lehigh.EDU>
- 69) [26126] Termination
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 70) [26127] NorCal Meeting Sunday September 7th
by Jerry Parker <jparker@fix.net>
- 71) [26128] Gaithersburg, MD hamfest this Sunday
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 72) [26129] New Product Announcement
by "Marshall Emm" <mgemm@mtechnologies.com>
- 73) [26130] ARRL Bulletin 049: Revisions the the RF Exposure Limits
by wb2vuo@juno.com (William K Hibbert)
- 74) [26131] URL SATELLITE AND 10M FM
by k4wz@juno.com (RON L TODD)
- 75) [26132] Re: What has QRP and K5FO wrought
by "Steve & Anne Ray" <sbralr@worldnet.att.net>
- 76) [26133] Re: QRPp MW? (Not in My Physics Book!) & SPRINT
by Dale LeDoux <dledoux@laci.net>

Date: Tue, 02 Sep 1997 16:04:11 -0700
From: Ed Loranger <we6w@qsl.net>
To: aa4xx@ipass.net, gregoire@endor.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26058] Re: Tesla - a humorous anecdote
Message-ID: <340C9B6B.1BA7@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Go Here: <http://www.qsl.net/we6w/text/projects.html>
and click on ==> Resonant Tesla Coil! hotlink
and you can read how to build your own tesla coil.

Follow all safety precautions!!!!

This is an entire draft, and is copyrighted. Distribution
is allowed if the manuscript is unmodified and not used for
commercial purposes.

So don't take it to the waterpark.... I believe they
have commercial porpoises there. And definately don't
read while listening to radio or TV Ads.

-Ed Loranger

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VF0.
QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Tue, 2 Sep 1997 19:46:53 -0400 (EDT)
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
To: Ed Loranger <we6w@qsl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26059] Re: Tesla - a humorous anecdote
Message-ID: <Pine.GS0.3.96.970902192941.29624D-1000000@joxer.acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This thread reminds me of when I had my S-line and 30L1.
We had just moved into the current neighborhood. My neighbor, an older
lady asked if I was having any trouble with my phones.

I said no, why do you ask?

She went on to tell be how she heard voices coming through her phone...
when it was *on* the hook. It scared her when her husband had gone to the
gym to stay in fit. She was alone and hearing these strange distorted
voices coming from the phone on the wall.

She called the town, then called the FCC before she had talked to me.
The FCC came to her house and checked things out. I tried the S-line at
full output and it was in compliance. On the side the guy told me that the
phone was a piece of junk. My phones did not have a problem.

After he left; being the sensitive guy that I am...I sensed that she was
not entirely happy with the explanation :-)
I offered to test her phone at my house to see if it was a problem with
the wiring in her house a just the phone.
We switched phones for a about a half hour.

I took her phone to my basement shack (I think it was a bell trimline)
and proceeded to do surgery on her phone. I opened it up and examined the
circuit board in the phone. I noticed that there were a series of unused
parts locations. They seemed like good locations for bypass caps.

I then got my soldering iron and nailed down a bunch of 0.01 caps in all
the *blank* spaces.

When I was done I was able to fire up the rig to full output...around 600

watts I think. No more interference.

I promptly returned the phone to its owner. Rather than tell her that her phone was junk....and admit to doing surgery on her phone (just in case it stops working in a couple years and brings its dead carcass to my door)

I just told her that there was a loose wire. I think it works OK now. There was no interference at my house :-)

This kind of stuff drives my wife nuts.

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

Date: Tue, 02 Sep 1997 20:33:11 -0400
From: Richard Powell <ripowell@mpna.com>
To: qrp-l@Lehigh.EDU
Subject: [26060] Monday Night Madness
Message-ID: <1.5.4.32.19970903003311.006764ac@smtp.mpna.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, I don't know which contest I was workin,,, but here is my CHECKLOG:

2304 AE0Q
2306 N7XM
2337 NQ7X
2340 K5AM
2350 K07X
0018 HP1AC !!! (Where is that?)
0027 W5SB
0033 N6MM
0041 K5GQ
0049 K5NZ
0117 N6RO
0124 SF6B
0129 AB7TK
0159 W5VB0

AND

ALMOST 0200 AL7FS ALMOST!!

MFJ 9020, 4W, Inverted V, with 1lb coffee can audio filter! (really helped a lot!)

72

/rick

Richard Powell WB6JBM TENTEN - 13044

ripowell@mpna.com <http://www.mpna.com/ripowell>

Date: 02 Sep 97 20:14:17 EDT

From: "Wilford D. Lindsey" <70511.3041@compuserve.com>

To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@compuserve.com>

Subject: [26061] GX0IIX QSL Manager *found*

Message-ID: <970903001417_70511.3041_IHD67-3@CompuServe.COM>

Gang:

The info on WZ8C turned up...and I want to thank everyone who wrote. Turned out my older web browser failed to find the info. At first I accepted it, but later went to another call sign server and there it was. Still learning to double-check internet hits!

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqc 414 mn-qrp 19 nj-qrp 69 ak/qrp 139
AR QRP 73 ARCI 9398 ARRL WAS 48/38 DXCC 53/39 <><

OMNI V Sierra Argosy 525 Argo 515 HW-9 Explorer II-40 SW-30
Norcal 40a Emtech 40-40 SW-40 TT 1340 A&A Gary Breed 30 49er
38S Mercury Paddles MFJ 259 MFJ 941D TNT/2 Windom SLV/W6MMA
HB G5RV Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Sat, 30 Aug 1997 21:13:00 -0500

From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>

To: pharden@aoc.nrao.edu, qrp-l@Lehigh.EDU

Subject: [26062] Re: Solar Forecast, explained

Message-ID: <M2026379.001.wpp20.1.970903003637Z.CC-MAIL*/OU=LMPCC4/OU=ILBB/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Paul:

I really appreciated your explanation of the solar reporting info.

Lots of people have posted similar data, but until it is interpreted or explained, it ain't INFORMATION.

We aren't all well versed in solar phenomena, only the lack of it :-).

I hope others will follow your example and interpret or explain a bit when they send some interesting data our way.

72, Bob N6WG

Date: Tue, 02 Sep 1997 20:25:12 EDT
From: w4bws@juno.com (Donald E Sanders)
To: psykey@okcforum.org
Cc: qrp-1@Lehigh.EDU
Subject: [26063] Re: FEEDLINE 101
Message-ID: <19970902.203631.4575.1.W4BWS@juno.com>

Yes Jim, the inverted vee configuration works well. But the best is to get both ends up 45 to 60 feet or for one support at least 40 feet and the ends as high as possible. The center angle should not be less than 120 degrees or it will suffer on performance, but most hams would not notice the difference. The main thing with any antenna is put it up as high as possible, keep wires as high as possible above ground, and as far away from other metal structures and house wiring as possible.

Then have fun.

Don W4BWS

Date: Tue, 02 Sep 1997 20:25:12 EDT
From: w4bws@juno.com (Donald E Sanders)
To: kd7s@psnw.com
Cc: qrp-1@Lehigh.EDU
Subject: [26064] Re: Small loop performance
Message-ID: <19970902.203631.4575.0.W4BWS@juno.com>

You are so right ! BTW if you want to get the story on the loop you need to get the book which is sold by W5QJR who really put the small loop on

the map. He describes how to design and feed them easily. He also wrote the article in QST, the chapter in the ARRL handbook, and won second place in the ARRL antenna contest about 12 years ago with the loop. He didn't get first place, he says, because his loop had no front to back ratio. W5QJR is quite the antenna experimenter.

I built my first loop in 1985 for 20-10 meters and it worked well. I also built the 40 meter version when I lived near Atlanta in 1986-1990 and worked lots of DX with it ground mounted and 10 watts P-P SSB and CW. I also gave the info to AEA in 1986 at the Atlanta Hamfest since I decided not to make them commercially through Skylane Products due to a career change and they brought out their version. So have at it, it's fun and they work well.

BTW, the high losses are usually due to not silversoldering the 3/4 or 1" copper tubing well at the joints or in the tuning capacitor if it is multiplate aluminum type. It should be a dual section/split stator with the stator sections welded at least on one side and rotor center area welded the full length. The sections are in series to lower capacity and raise the voltage rating. At 100 watts these things can develop 20,000 volts across the capacitor, that's if all is built right with low loss and the Q is 1000, thus the low band width at resonance.

Thanks for the bandwidth, but I thought with so much interest, inquiring minds would like to know.

Don W4BWS

On Tue, 02 Sep 1997 14:09:13 -0700 Bill Jones <kd7s@psnw.com> writes:

>Friends,

>

>For those of you building small diameter transmitting loop antennas,
>be

>aware that performance *will* be degraded if the antenna is placed in
>close proximity to other metallic objects. Just how much the
>performance will suffer is difficult to define. However, here is a
>test. If the 20 meter bandwidth is more than 5-7 kHz without
>retuning,

>you have a "proximity" problem or losses due to poor construction.

>-----

>Bill Jones - KD7S <><

>Sanger, California

>kd7s@psnw.com

>-----

>

>

Date: Tue, 02 Sep 1997 20:35:23 EDT

From: w4bws@juno.com (Donald E Sanders)

To: jskalski@acsu.buffalo.edu
Cc: qrp-1@Lehigh.EDU
Subject: [26065] Re: Tesla - a humorous anecdote
Message-ID: <19970902.204537.4575.2.W4BWS@juno.com>

Yea Jim, I brlieve it is standard criteria that is programed into the genes that when they here the wedding march or "I DO" wives go nuts with anything ham related thereafter. Boy, lets not get too far off with this thread, it's JMO after 36 years of marital bliss(or is that hiss"static").
Don W4BWS

Date: Tue, 2 Sep 97 20:44:16 EDT
From: Joel Malman <malman@BBN.COM>
To: qrp-1@Lehigh.EDU
Subject: [26066] Russian Federation Calls
Message-ID: <199709030044.UAA144426@nss2.CC.Lehigh.EDU>

Group,

OK. I guess I give up trying to understand the new Russian Federation calls. I was trying to sort out the WIMPS logs, and I have 4K9, 4L5, YL5, LY2, Z31, ER1, UA6, OM3, S51, S53, S57, E05, etc, etc. all part of Russia.

Yes, yes, I have the ITU callsign list, ARRL DXCC list, and other assorted lists, but the Russia call signs -- I just can not understand the system.

Does anyone have an accurate map between callsign and Russian State (which is probably now a valid DXCC country)?

Help!

/joel wa1qvm (malman@bbn.com ... Concord, Ma.)

Date: Tue, 2 Sep 1997 20:56:31 -0400
From: "Ken Hanks" <kennfd@ibm.net>
To: <qrp-1@Lehigh.EDU>
Subject: [26067] Re: Back to Polishing that brass
Message-ID: <199709030102.BAA127374@out1.ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Jeff:

Back when I was a rookie firefighter, one of my jobs was polishing brass-lots of it (door knobs, wall plates, and 28 feet of fire pole) We used Noxon brand polish.

It would still tarnish however. Humidityand how often it was touched by someone were major factors.

73,
Ken K1XS@ibm.net
QRP-1 #494

> I was wondering if there is something you can put on brass to keep it
> from tarnishing. A wax or polish or something. I'd sure like to keep
> that shine if possible.
>
> Thanks.
> --
> 73 de Jeff AC6KW

Date: Tue, 2 Sep 1997 21:02:12 -0400
From: "Ken Hanks" <kennfd@ibm.net>
To: <QRP-L@Lehigh.EDU>
Subject: [26068] Re: ladder-line and longwire
Message-ID: <199709030107.BAA52082@out1.ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Mike:

Don't worry too much about the feedline length just leave several feet extra. Put as much dipole up as you can with the center as high as possible. If you have trouble tuning, just snip away some line at the tuner.

73,
Ken K1XS@IBM.NET

QRP-L #494

> From: Mike B. Allred <mallred@fscu.org>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: ladder-line and longwire
> Date: Tuesday, September 02, 1997 3:56 PM
>
> OK- here goes (I hope not to cause a debate, but...)
>
> I've never used ladder line before, but I wish to put up a longwire
> for all band use with a tuner. What is the optimal length of the wire
> and feedline? I have 50ft of 450ohm line and would like to be able to
> tune 80-12 meters.
>
> Thanks for helping since I am new to balanced line.
>
> 73,Mike
> --
> Phone:(205)340-2000 ext.2036
> Wats: (800)239-5515
> Fax: (205)340-2047
> mailto:mallred@fscu.org
> AR: KU4GU
>

Date: Tue, 2 Sep 1997 18:20:00 -0500
From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
To: kb0pte@juno.com, qrp-l@Lehigh.EDU
Subject: [26069] QSLs and WAS
Message-ID: <M2026486.001.wtty0.1.970903020558Z.CC-MAIL*/OU=LMPCC4/OU=ILBB/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Hello, Wayne:

I'm in somewhat the same boat as you, in that I'm working on two-way QRP WAS on 40m. I'm closer to the end, but still having trouble with the New England states, and Kansas, of all places :-). Say, where are you?

There are lots of active QRPers in the states you mention, so my suggestion is to just keep after them. It is even tougher for the guys that chase DX. When they do get a card, sometimes it can be years later. No instant gratification there!

I think the worst I've done is maybe four contacts with a state before getting a card. Don't be discouraged, Wayne. It's only a matter of time.

73, Bob N6WG

Date: Tue, 02 Sep 1997 21:05:44 -0500
From: "Adam B. Kanis" <adam-kanis@uiowa.edu>
To: psykey@okcforum.org
Cc: qrp-1@Lehigh.EDU
Subject: [26070] Re: FEEDLINE 101 / McCoy Dipole
Message-ID: <3.0.3.32.19970902210544.006aacd8@molsun.ophth.uiowa.edu>
Mime-Version: 1.0
Content-Type: text/enriched; charset="us-ascii"

Jim,

I'm going from memory, but I'm pretty sure Lew McCoy, in his book, says that he tried some inverted V's (some lopsided), that worked almost as well as the flat-top. Although I know that some people disagree with some of Lew's ideas, I thought his book was excellent for a beginner like me. It is far more readable than say the ARRL antenna handbook, though it is no substitute for it. Everybody I've leant it too also thinks so.

>>>>

<excerpt>> If you want to put up an antenna with "no sweat" you can erect the "McCoy

> Dipole".

> That's a flattop long enough to reach between your two supports<<where ever

> they may be, and 400 ohm ladderline feedline long enough to reach your

> shack.

</excerpt><<<<<<<<

>>>>

I've been wondering lately...does this design work OK in an inverted V

configuration? I could squeeze a single support into my back yard, but that's about it.

<<<<<<<<

73,

--adam, n2brt

adam-kanis@uiowa.edu

Date: Tue, 2 Sep 1997 19:26:51 -0700 (PDT)
From: Monte Stark <ku7y@sage.dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26071] Re: QSLs and WAS
Message-ID: <Pine.SUN.3.90.970902190451.4154A-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

For my last WAS state, I sent not only a SASE, but a home made qsl card all made out. All he had to do was sign it!

He told me that he didn't do qsl's. I sent him one with a SASE. He returned it with a note again saying he didn't do qsl's.

It was then that I sent the home made one (from him to me) with a note almost begging him to sign and return which he did!!

I have a stack of cards here to answer. But I don't know when I will.....the computer with the logs quit. I put another one on line for the Sunday Bubba thing, but the other one is still holding onto the info.

When I get the time to pull the pwr supply I might find the trouble. But until I can look at the log and confirm a contact, I will not send out a card.

Having been in two states that are not too common, or at

least didn't used to be, I have seen far more phony card sent for contacts that just never happened than you might believe!

In Idaho, there were 6 of us that all got a card from the same "ham". None of us had worked him! Bet that all he was doing was just sending cards to everyone knowing that sooner or later someone would send him a card! That happened more than once!

So while it hasn't happened for awhile, I am still gun shy. And also make sure that your date and time are right. A few minutes off isn't too bad for most of us. But for a big contest station, it makes for more work.

And be sure that the person looking at it can tell which is the day and which is the month. 1/2/97 could be either the 1st of Feb or the 2nd of Jan. And don't say "it's supposed to be this way or that".....I know that, but I get them done both ways!

Best way and the only way to really remove all doubt is to use a form like 2 Jan 97 or Jan 2, 97. Use letters for the month.

When I get a large stack of cards, I sort by date/time. For those that I'm not sure of, they go into the "later" pile!

Same thing when I don't find a call in the log at the right time, I look up and down a bit and then just put it into the "later" pile.

When I have all the other cards done I'll dig into the "later" pile.

One more very handy thing to do when sending QSLs.....if it was for a contest qso, name the contest on the card or envelope.

Like George said a little bit ago, when you get lots of cards it's not so much the cost that hurts, it all the time it takes. The easier you make it for the other operator to find the qso in the log, the better off we all are!

Hmmmmm, didn't mean for this to turn into such a long winded post. But I hope you get the idea to always think of how to make the other persons job easier. It helps in the long run.

DX is even worse! :-)

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 2 Sep 1997 22:54:50 -0400 (EDT)
From: N9YAI@aol.com
To: qrp-l@Lehigh.EDU
Subject: [26072] Wanted: Heathkit IO-102 scope manual
Message-ID: <970902225353_-1535278652@emout06.mail.aol.com>

Hello,

I recently purchased a non working Heathkit scope model IO-102 at a very attractive price. After tinkering with it without a schematic i decided it would be a good idea to try and find an assembly manual. If anyone has a manual they would be willing to copy for me it would be greatly appreciated. I will gladly pay all copying and shipping costs.

My E-mail address is N9YAI@aol.com

Thanks and 73's
Randy Jobe

Date: Tue, 2 Sep 1997 22:47:22 -0400
From: Craig LaBarge <LaBarge_C@compuserve.com>
To: QRP-L Mailing List <qrp-l@Lehigh.EDU>
Subject: [26073] DX Called Me!
Message-ID: <199709022247_MC2-1EED-EA26@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Wow! I was calling "CQ" on 30 meters tonite using my trusty SST (2 watts) and my trusty (rusty?) rainspout antenna. To my surprise, I was called by EI6IF/QRP, Denis, from Ireland. Wow! =

I think this might have been my first 2-way QRP DX QSO with the
rainspout. For sure, it was the first time a DX station has =
called ME. =

Truly amazing! =

Coupled with a nice chat earlier with Rock, W9SCH, up in =
Wisconsin with his famous "Rock Loop" antenna, it was a very =
satisfying QRP evening here at 'GCK.
73, Craig WB3GCK

Date: Tue, 2 Sep 1997 22:56:52 -0400 (EDT)
From: N9YAI@aol.com
To: qrp-1@Lehigh.EDU
Subject: [26074] WTB unassembled 49'er kit
Message-ID: <970902224312_-266619586@emout12.mail.aol.com>

Hey Gang,
If any of you guys have an unassembled 49'er you would
like to part with, Please E-mail me an N9YAI@aol.com.
Please include price and shipping.

Randy Jobe
Thanks and 73's

Date: Tue, 2 Sep 1986 23:05:54 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: <qrp-1@Lehigh.EDU>
Subject: [26075] Interesting tid bit.
Message-ID: <199709030307.XAA26913@HME1.smtp.sprint.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Hi QRPers,

On my bus ride home from work this evening, I was thinking about what to do with a yet not won lottery prize. All of sudden I heard the sweet melody --. --., yes a new radio would be fine. Wait a second!!! I am not dreaming here, I heard it again, it was a 569 and was coming from the wrong direction of my rotatable dipole (ears). When I looked to the other side of the bus a gentleman was answering a cell phone call. Is this something new? or has he modified it himself? Unfortunately my bus stop was the next to come and when it arrived he was still on the phone. Could this be a programmable feature? Hey Chuck, the dih dih would fit nicely here.

73/72,

Vince, VE3VFN.

Date: Tue, 2 Sep 1997 20:01:39 -0700
From: gsurrency@juno.com (Gary L L Surrency)
To: w4bws@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [26076] Re: Tesla, and a cheap center insulator
Message-ID: <19970902.200140.11974.0.gsurrency@juno.com>

Ok, if electromagnetic radiation is such a hazard, then how come it didn't kill Tesla? He was seen and photographed many times standing in the EM field of hundreds of thousands of volts, if not millions of volts in some of his experiments. I remember seeing some photos of his man-made lightning bolts leaping 20-30 feet from the high voltage coils he built.

In another tale about his (mis)-adventures, it is said he once burned out the largest generator East of the Mississippi during one of his experiments to transmit electricity without wires. He envisioned tall towers radiating electricity long distances to remote electrical consumers. I believe he also experimented with transmission of electricity through the ground or earth.

And the FCC is considering limits on power levels for the ham bands..... Sheeshh! If you used current hysteria on EMI health risks, Tesla would have vaporized himself at the flick of a switch. How come this didn't happen? Huh? Huh?

Rest in Peace, Nikola. You were one of a kind. He was the *true* pioneer of modern electrical transmission, and kicked Edison's archaic DC

technology back where it belonged. You have Tesla to thank for AC motors, transformers, and dozens of other marvelous inventions. He was definitely **not** QRP, and always was looking for bigger projects, higher voltage, and was a truly radical thinker.

On Newsline today, I heard that the FCC is reconsidering their previous ridiculous RF power limits, and will issue new guidelines soon for comment.

Now, watch out for that 5 watt transmitter there buddy. Big brother thinks you'll fry your brains if you aren't careful. Yeah, right. Tesla must be rolling over in his grave laughing.

Also, here in Phoenix there is a mountain with a whole bunch of high powered TV and commercial radio antennas on the top; all in a very small area. If RF exposure was so dangerous; and a lot of those antennas are at UHF; wouldn't anyone who drove up there to work on the equipment be brain damaged or go blind, sterile, or something? I'm talking some serious power levels here people.

I know high powered microwave energy is dangerous. Witness what happens inside your wife's microwave. But that is a bunch of power, >600 watts typical, at 1 or 2 gigahertz, and a **very** small confined area. But radio, TV, and ham stuff is not so purposely concentrated or nearly so high frequency.

Nils? Is that what happened to you? Prolonged RF exposure at the (shudder) unsafe levels of RF we QRPers use? Huh? Is it?

Sorry for the bandwidth, but Tesla is a hero of mine and he deserved a hellavu lot more credit than he ever got.

Back to QRP.

I found a handy way to use a bakelite fuse holder for a center insulator of a dipole. Been using one here for at least three years, by soldering an open fuse to the end of a piece of RG-58. Weather sealed it with Coax-Seal (tm) to keep the water out. The nice thing about this is: it is cheap, light weight, and the fuse attachment point will simply pull out if something yanks on the feedline too hard, but it will support the feedline weight quite nicely.

Also, it is quick and easy to temporarily remove the normal feedline and replace it with a short piece of coax also soldered to an "empty" fuse so you can attach your trusty antenna analyzer for a tune-up. Saves running back and forth into the shack, and requires no tools or extra connectors.

Just be sure to fold the antenna wire back before you solder it to the fuse tabs, or the wire will pull out when you stretch the antenna tight.

And I *do* stretch 'em tight! I have a couple of small pulleys at one end, so I don't have to pull so hard to get the antenna level and cut my hands in the process. Just get the largest fuseholder you can find, and use the good quality bakelite ones.

adios and 72,

AB7MY

Gary Surrency

Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions, ARRL VE

Date: Tue, 2 Sep 1997 20:21:44 -0700 (PDT)
From: "David D. Meacham" <ddm@datatamers.com>
To: Steven Weber <kd1jv@moose.ncia.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26077] Re: Help -Toroids with shorted turns
Message-ID: <Pine.LNX.3.91.970902201723.5510A-1000000@dt1.datatamers.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Steven,

Nope, Cecil is correct. Transformers are Voltage devices.

72, Dave, W6EMD

On Tue, 2 Sep 1997, Steven Weber wrote:

(snip)

> Heck, I thought we were done with this. I know this is nit-picking, but
> Cecil got the chicken before the egg. The magnetic field (flux) induces a
> CURRENT in the turns, which then produces a voltage. The actual current is
> related to the flux density i.e., how much current is flowing in the
> "primary", the turns ratio, and the resistance of the wire.

>

(snip)

Date: Tue, 02 Sep 1997 21:34:21 -0600
From: "Phil, K6LS" <k6ls@qsl.net>
To: qrp-l@Lehigh.EDU
Subject: [26078] QRP++ ?????
Message-ID: <340CCCAD.45C5@qsl.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am having a little trouble finding refrence at the computer and book stores on this (new?) programing language (?) I have VC++ (5.0) and a older C++ compiler, heck I even have J++ (Java).

So is this some kind of new Object Oriented Low Power (5 bit application)? What are the benifits of that? wait... Is it for designing software for the BASIC STAMP or something along those lines?

OR MAYBE for designing the software to run a newly designed processor for a compact PLL or DDS fully digital/automatic, ALL mode, ALL band homebrew rig with DSP and GPS all in one 5"x5"x2" metal box (with atu) where all you do is hook up the powersupply and an antenna (battery NOT included!) ??? ?!!!!

Just wondering! ;-)

--

73 de Phil, K6LS/0
QRP-L #612 NorCal #824
CQC #471 ARCI #8866
k6ls@qsl.net <or> k6ls@amsat.org
DM79or, Arapahoe County, Colorado
ITU zone 7, CQ zone 4
<http://www.qsl.net/k6ls>

Date: Tue, 2 Sep 1997 23:43:14 -0400
From: "Thomas J.McCuen" <TMcCuen@compuserve.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [26079] SGC 2020
Message-ID: <199709022343_MC2-1EF2-2C67@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

If anyone ordered the 2020 like myself, Here's the latest release info from SGC;

From: SGCMKTG@aol.com
Received: (from root@localhost)
by emout01.mail.aol.com (8.7.6/8.7.3/AOL-2.0.0)
id TAA05802 for 74032.172@compuserve.com;
Tue, 2 Sep 1997 19:07:12 -0400 (EDT)
Date: Tue, 2 Sep 1997 19:07:12 -0400 (EDT)
Message-ID: <970902190503_873355079@emout01.mail.aol.com>
To: 74032.172@compuserve.com
Subject: Re: SGC 2020

Thanks for your inquiry. Delivery is delayed until November. Please keep= checking our website for updates. We regret the delay, and assure you th= at you will be pleased when you receive the unit.

Rgrds

R Bergren

Better late than never..... Hope the wait is worth it!!!

73

Tom aa2vk

Date: Wed, 03 Sep 1997 00:02:56 -0400
From: Hank Kohl K8DD <k8dd@contesting.com>
To: ccart@dns.vidtel.com
Cc: qrp-l@lehigh.edu
Subject: [26080] Re: BUBBA/MI QRP/SP Sprints
Message-ID: <2.2.32.19970903040256.00a630e8@tir.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:17 AM 9/2/97 -0400, you wrote:

> The highlight

>was working WQ8RP, thanks for slowing down, but I usually send slower than

>I can copy as the Suburban is a little bumpy.

I believe in matching speeds. I remember working you /M.

One of my highlights was matching the speed of the station who answered me about 5 wpm faster than my CQ. That station slowed down by about 8 or 9 wpm and asked for my state and number! Matched his speed again.

I love this hobby!

73 Hank K8DD
Trustee WQ8RP

*/ Hank Kohl K8DD k8dd@contesting.com
*/ ARRL TS (k8dd@tir.com)
*/ MI-QRP - Vice Pres. QRP-ARCI - Director
*/ G-QRP ARRL/LM QCWA/LM QCAO/LM

Date: 03 Sep 97 00:06:37 EDT
From: "W. D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:ku7y@sage.dri.edu" <ku7y@sage.dri.edu>
Cc: "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.EDU>
Subject: [26081] Re: QSLs and WAS
Message-ID: <970903040636_70511.3041_IHD77-3@CompuServe.COM>

Ron:

This note is truly extraordinarily useful to all of us. You should write a magazine article for some of the QRP rags on the subject.

I have been a ham 37 years (though I was away 33 years until a year ago when I got active again), and I learned more from your e-note than I can possibly thank you for. Very helpful. Especially the bit about fairly exact Zulu time and getting the date right. I always use something like 2 Feb 97, even with DX QSL's. Makes it absolutely clear.

Everyone, make a note of Ron's great suggestions...

72/73,
--Doc/K0EVZ qrp-l 861

Date: Wed, 3 Sep 1997 00:12:07 -0400
From: Scott Bauer <ke3nv@erols.com>
To: qrp-l@Lehigh.EDU
Subject: [26082] "P" Beacon 569
Message-ID: <199709030412.AAA23171@smtp3.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello,

I am hearing the "P" beacon tonight at 0400z on 7.039 +/- rst is 569 near Baltimore. Code speed is around 10wpm. In the back ground, I can also hear someone sending "S", but dont think it is the beacon as code is to irregular. Kinda like someone is trying to fit it inbetween the "P"

Scott W3CV
72&73 de Scott Bauer W3CV, Odenton, MD. grid FM19. Formerly KE3NV

" You may be on the right track, but will get run over if you just sit there".... Will Rodgers

visit my web page at <http://www.erols.com/ke3nv/>
G-QRP 8773 QRP-L 728
NORCAL 1094 DL-QRP-AG *GM*
CQC 352 QRP ARCI-8804
scQRPion 38 AR-QRP 27
 WARC QRP NUMERO UNO
 CW OPERATORS QRP CLUB 484, FISTS, ARRL

Date: Tue, 02 Sep 1997 21:22:28 -0700
From: Bill Todd <bill@techline.com>
To: w4bws@juno.com
Cc: qrp-l@Lehigh.EDU
Subject: [26083] Re: FEEDLINE 101
Message-ID: <1.5.4.32.19970903042228.006f99e0@mail.techline.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>On Tue, 2 Sep 1997 15:41:36 -0400 (EDT) ARDUJENSKI@aol.com writes:
>>I am a bit confused on the issue of feedline. For a dipole books state
>>you can substitute 300 ohm ribbon line for open line if you figure in
>the velocity factor.

Don, w4bws wrote in response:
>If you want to put up an antenna with "no sweat" you can erect the "McCoy
>Dipole". Thats a flattop long enough to reach between your two supports
<where ever they may be, and 400 ohm ladderline feedline long enough to
reach >your shack.

Alan - (and group), Don is right! I have been using a 80 meter dipole fed with ladder line (up about 55 ft) for about three years, fed with a Johnson Matchbox...and it is a great all-around antenna. It is OK on 40 meters, but even better on 20 meters. Try it, you'll like it.

CUL, Bill-N7MFB

Date: Tue, 02 Sep 1997 23:02:18 -0600
From: AE0Q V31RY <v31ry@ix.netcom.com>
To: qrp-1@Lehigh.EDU
Subject: [26084] Re: QSLs and WAS
Message-ID: <2.2.16.19970903050218.0b6fb932@popd.ix.netcom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I agree with everything that George and Monte have said on the subject of QSLing. Having received thousands of cards as various DX calls, I would like to add only one more 'rule'..

Please, PLEASE make sure YOUR call sign is also on the SAME side as HIS call and rest of the QSO info. Having to flip over a card 3 or 4 times to get the call and time/date straight is a real pain.

If you want to have a 2-sided card with your call in big letters on the front (I do!), then also have it 1/4 inch high in BOLD print someplace on the back side with all the writing. It makes life a lot easier for the person receiving your card.

All those fancy 2-sided cards made up by the QSL printer guys that don't have your call on both sides are junk! They haven't had to reply to a stack of their own designs..

73 -- Glenn

"Remember, any tool can be the right tool!" Red Green

AE0Q / V31RY ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK
v31ry@ix.netcom.com --SOWP 5558-M, ARRL LM, QCWA LM, NCVA--
<http://www.qsl.net/ae0q>

Date: Tue, 02 Sep 1997 22:31:32 -0700
From: Monte Stark <ku7y@sage.dri.edu>
To: v3lry@ix.netcom.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26085] Re: QSLs and WAS
Message-ID: <340CF634.56CF@sage.dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Please, PLEASE make sure YOUR call sign is also on the SAME side as HIS
> call and rest of the QSO info. Having to flip over a card 3 or 4 times to
> get the call and time/date straight is a real pain.

Amen Glenn,

And one other thing when sending to a DX manager (in the USA).....

On the back of the outer envelope, put all the qso data----dx station's
call, band, date/time your call and mode.

This way the manager doesn't even have to open it up to know where to
put it and often that will get it well up towards the front of the
stack!!

Just remember the golden rule.....make it as easy on the other guy as
you can and your results will be better!

OK, back to my hole,

cul,

Ron, KU7Y

Date: Wed, 03 Sep 1997 06:02:44 -0700
From: Harvey Hetland <n6mm@earthlink.net>
To: QRP-L@Lehigh.EDU
Subject: [26086] Re: Pacificon '97
Message-ID: <340D5FF4.185D@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I believe the correct web address for the Pacificon '97 is:

http://www.mdarc.org/pac97_1.html

Note the ".org" rather than ".orc".

73, Harvey, N6MM.

Date: Wed, 3 Sep 1997 02:29:52 -0400
From: Tony Fishpool <G4WIF@compuserve.com>
To: QRP List <qrp-l@lehigh.edu>
Subject: [26087] re:GX0IPX QSL manager?
Message-ID: <199709030230_MC2-1EF9-6370@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Doc said:-

>Yesterday I had the thrill of QSOing with GX0IPC.
=2E.. and was looking for the QSL manager. It may interest
the wider "group" to know that a GX call in the U.K. is
a club call, rather than an individual ham. So I looked
up the registered holder in the callbook to find he is just
5 miles down the road. Spooky eh?

So Doc, if you get no joy, then come back to be with the name
of the club station operator, and I'll go knock on the callsign
holders door for you.

72

Tony - G4WIF

Date: Wed, 3 Sep 1997 02:53:36 -0400 (EDT)
From: Scott Bauer <ke3nv@erols.com>
To: qrp-l@Lehigh.EDU
Subject: [26088] Hamfest gel cells
Message-ID: <199709030653.CAA25237@smtp1.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello Group,

Just a quick note to warn others that might be as unlucky as I have been about buying batteries at hamfests. I have now bought gel cell batteries twice at ham-fests and both times ended up with duds. The first was from a local QRPer and I wrote it off as a learning tool, plus it was only 5 bucks. The second time, I was really dissapointed as the guy was selling them out of Yuasa shipping boxes. I took his word that the date on top of the batteries was a manufacture date. After getting home and taking a closer look at the batteries, it was very clear that they were used. Who ever pulled these batteries from service must have stamped the date on top and then put them back into the shipping carton that the new batteries came in. I now have more 12 volt batteries that give only 12 volts(or less) after charging. I have now spent over 30 dollars on junk batteries. I could have bought a brand new 7 amp gel cell for less than 30 dollars and would have a good battery that would last many years.

The moral of the story is there is no such thing as a free lunch! You only get what you pay for, or maybe less.

I am going to order a new battery now for 30 dollars. Add 30 for the duds from the hamfests.... well, you know... live and learn :-)))

Scott, W3CV

Date: Wed, 3 Sep 1997 08:30:46 +0200
From: David.Reid@asm1.nl (David Reid)
To: malman@BBN.COM
Cc: qrp-1@Lehigh.EDU
Subject: [26089] Re: Russian Federation Calls
Message-ID: <199709030630.IAA24490@wspub002.asm1.nl>

Joel, you wrote:

>OK. I guess I give up trying to understand the new Russian Federation
>calls. I was trying to sort out the WIMPS logs, and I have 4K9, 4L5, YL5,
>LY2, Z31, ER1, UA6, OM3, S51, S53, S57, E05, etc, etc. all part of Russia.

most of these are now independant countries now - hence the change in callsign prefixes...

I can help you out with a few...

YLx is Latvia (one of the 3 baltic states)
LYx is Lithuania (one of the Baltic states)
ESx is Estonia (one of the Baltic states)

I got a wall map, when I was in Germany which has all of these prefixes listed on it... along with the regions they are associated with.

I think it was about 20 bucks... now proudly on the shack wall...
(but I'm at work - otherwise I could tell you them all...HI)

73

Dave

PA3HBB / G0BZF

<http://ourworld.compuserve.com/homepages/DRCP/homepage.htm>

(D.R.Computer Products - makers of kits for radio hams)

Date: Wed, 3 Sep 1997 08:49:00 +0200
From: David.Reid@asml.nl (David Reid)
To: G4WIF@CompuServe.COM
Cc: qrp-1@Lehigh.EDU
Subject: [26090] re:GX0IPX QSL manager?
Message-ID: <199709030649.IAA24493@wspub002.asml.nl>

Tony,

GX is an ENGLISH club callsign...

but you forgot to mention all the others...which are rare and collectable...

GS is a club station in Scotland

GC is a club station in Wales

I can't remember them all, but Jersey,Guernsey,Isle of Man and Northern Ireland also have special 'club calls prefixes'

also now that the UK is using 'M' you should listen out for M0, MM0, MU0
MJ0 and MI0...

as well as the 'novice calls' 2E0, 2M0,2U0,2J0,2I0'

So lots of 'rare' UK stations to choose from now...seek 'em out.

73 es gud DX
Dave
PA3HBB / G0BZF

Anyone want to fill in the rest of the prefixes?

Date: Wed, 03 Sep 1997 04:26:41 EDT
From: haf47@juno.com (Howard Friedman)
To: gsurrency@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [26091] Re: Tesla, and a cheap center insulator
Message-ID: <19970902.162211.15807.1.HAF47@juno.com>

.
On Tue, 2 Sep 1997 20:01:39 -0700 gsurrency@juno.com (Gary L L Surrency) writes:

>Ok, if electromagnetic radiation is such a hazard, then how come it
>didn't kill Tesla? He was seen and photographed many times standing in
>the EM field of hundreds of thousands of volts, if not millions of
>volts in some of his experiments. I remember seeing some photos of his
>man-made lightning bolts leaping 20-30 feet from the high voltage

.
I believe much of the negative effects are considered to be the result of
electromagnetic, rather than electrostatic energy. And the frequency of
this energy has to be considered also. Would you stand in front of a low
power commerical radar sytem when it's operating?

>
>In another tale about his (mis)-adventures, it is said he once burned
>out the largest generator East of the Mississippi during one of his
>experiments to transmit electricity without wires. He envisioned tall
>towers radiating electricity long distances to remote electrical
>consumers. I believe he also experimented with transmission of
>electricity through the ground or earth.

.
In much of Tesla's premier work, he was assisted by an incredible
scientist by the name of Henry Primm Broughton, who is seen in a great
number of photographs with Tesla, (but mostly not identified.) Broughton
later came to the General Electric Co., in Schenectady, and worked there
for decades until his death and was awarded scores of patents relating to
everything from power generation to servo systems.

>And the FCC is considering limits on power levels for the ham
>bands.....
>Sheeshh! If you used current hysteria on EMI health risks, Tesla would
>have vaporized himself at the flick of a switch. How come this didn't
>happen? Huh? Huh?

I would seriously question who is being hysterical. In every scientific endeavor, there is always a beginning stage, a time before enough data is available before definite conclusions can be made, and made accurately.

>Rest in Peace, Nikola. You were one of a kind. He was the *true*
>pioneer of modern electrical transmission, and kicked Edison's archaic
>DC technology back where it belonged. You have Tesla to thank for AC
>motors, transformers, and dozens of other marvelous inventions. He was
>definitely *not* QRP, and always was looking for bigger projects,
>higher voltage, and was a truly radical thinker.

I realize that Tesla has been placed in an almost religious category. To credit anything to others is to target oneself for incredible criticism. Edison also experimented with AC, including motors, and found it lacking. Tesla would admit I'm sure that he was not the inventor of the AC motor. Tesla would also admit that William Stanley was the inventor of the transformer...and Charles Steinmetz wrote the "Law of Hysteresis", the mathematical computations that allowed for the first time, the manufacture of AC generators (and all electric motors for that matter) to be produced with the efficiency that made them practical.... thus in one fell swoop making Edison's DC love affair die a quick and deserved death.

>On Newsline today, I heard that the FCC is reconsidering their
>previous ridiculous RF power limits, and will issue new guidelines
>soon for comment.

>

>Now, watch out for that 5 watt transmitter there buddy. Big brother
>thinks you'll fry your brains if you aren't careful. Yeah, right.
>Tesla must be rolling over in his grave laughing.

>

>Also, here in Phoenix there is a mountain with a whole bunch of high
>powered TV and commercial radio antennas on the top; all in a very
>small area. If RF exposure was so dangerous; and a lot of those
>antennas are at UHF; wouldn't anyone who drove up there to work on the
>equipment be brain damaged or go blind, sterile, or something? I'm
>talking some serious power levels here people.

PBS some 12 years ago issued guidelines about how much radiation is "acceptable" around a UHF transmitter. Where I worked, we were allowed to be outside in the "field" of the antenna for no more than six minutes a day. Inside the building was considered to be OK as the roof was metal

under the tar, and was considered to be adequate shielding. Having worked in TV for years, I cannot say if these standards have merit or not. PBS requested that these standards not be made public for that very reason. Two years ago my right eye fell apart with a failure of tissue resulting in blindness. I'm the only one in a family of six to have eye problems. I am part of a legion of people who are broadcasters with similar problems. And just like smoking, some can do it, others die from cancer. Coincidence? Sure....

>I know high powered microwave energy is dangerous. Witness what
>happens inside your wife's microwave. But that is a bunch of power,
>>600 watts typical, at 1 or 2 gigahertz, and a *very* small confined
>area. But radio, TV, and ham stuff is not so purposely concentrated or
>nearly so high frequency.

>

>Nils? Is that what happened to you? Prolonged RF exposure at the
>(shudder) unsafe levels of RF we QRPers use? Huh? Is it?

>

>Sorry for the bandwidth, but Tesla is a hero of mine and he deserved a
>hellavu lot more credit than he ever got.

.

>AB7MY

>Gary Surrency

>Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions, ARRL VE

Among many others, Tesla is a hero of mine too. I think he got a great deal of credit.

Sorry for blabbing, I'll try not to do this again, but just couldn't help it. There can be no argument that Tesla had great ideas...some still have yet to be made practical. Millions of dollars are being spent every year by General Electric Corporate R & D to make some of Tesla's visions come true, and after 60 years and the finest minds and greatest computers in the world, they still haven't been able to transport AC in a practical manner without wires....but they have in fact made the transmission of Edison's DC far more practical and efficient than the transmission of AC. Too bad they can't convert the world now.....

73, Howie

WA2AFD

haf47@juno.com

Date: Wed, 3 Sep 1997 09:02:19 +0100

From: Leon Heller <leon@lfheller.demon.co.uk>
To: grudin@pacific.vdbs.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26092] Re: Back to Polishing that brass
Message-ID: <1UwpTBALmRD0EwmT@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <340C621A.4625@vdbs.com>, Jeff Grudin
<grudin@pacific.vdbs.com> writes
>I recently aquired a new paddle/keyer. One I hadn't heard of before.
>It looks like the Vibroplex Brass Racer (Triangle). It was made by
>Hamco. It has a keyer circuit built into the base. It is quite heavy
>and seems to sit still pretty well.
>
>It was a most ugly thing upon receipt. I polished it up and now it
>looks like new. Works great.
>
>I was wondering if there is something you can put on brass to keep it
>from tarnishing. A wax or polish or something. I'd sure like to keep
>that shine if possible.
>
>Thanks.

The Home Machinist's Handbook recommends dipping machined brass parts
into a mixture of 1 part lacquer to 1 part lacquer thinner. The coating
will be thin enough so as to not be noticeable, and still give adequate
protection.

Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/rcm.htm> for details of a
low-cost reconfigurable computing module using the XC6216 FPGA

Date: Wed, 3 Sep 1997 07:18:23 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [26093] Re: Hamfest gel cells
Message-ID: <Pine.LNX.3.95.970903071638.11233C-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Scott, I've bought dozens of batteries from hamfests and gotten maybe ONE

dud of all of them.

LESSON: BRING A VOLTMETER!

If it's not over 12 VDC, reject it. It's not foolproof, but it has seemed to work for me.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 80 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** Hamfest, life's simple joy *

Date: Wed, 3 Sep 1997 07:27:13 -0400 (EDT)
From: NilsBull@aol.com
To: rodriguez@jet.es, qrp-1@lehigh.edu
Subject: [26094] Re: Glue for Plexiglas?
Message-ID: <970903072713_-734463435@emout14.mail.aol.com>

Amigos,

I have on good authority that the only way to join pieces of lucite/plexiglass is by using acetone. Evidently the only thing that will soften the edges up enough to make 'em flow into each other is by using a chemical that'll do that, which is, as I said before, acetone.

My authority? The guy who runs the instrument fabrication shop at Wright State University, Jim Arehart. If you wanna build something out of something and make it work, talk to Jim. He thinks (I'm pretty sure) in four dimensions. Which helps a lot when he's talking to me, 'cause then I'm one dimension ahead of him, what with five dimentias goin' on and everthang.

Acetone.

73
Nils
WB8IJN &c
. . . Wausau

Date: Wed, 3 Sep 1997 08:33:39 -0400
From: John Dorson <jdorson@bbs.mpcs.com>
To: qrp-1@Lehigh.EDU

Subject: [26095] wtb loop antenna
Message-ID: <199709031233.IAA00570@bbs.mpcs.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang. I have a home brew loop ant which i like very much but am after a commercially made one now. I had a lead on an aes isoloop but it was sold so if anyone out there has one of these or the mfj super loop that you might be thinking of selling or sell/trade for a emtech nw-40 let me know.

Please e-mail me directly at jdorson@bbs.mpcs.com

Thanks John K2JHU...
Thank You

John Dorson
The TALKING HOUSE MAN
Real Estate Consultant
Melbourne Beach, Brevard County Florida
E-Mail To: jdorson@bbs.mpcs.com

Ham Radio Information

```
| Trying for WAS -      AL,AK,AZ,AR,CA,CO,CT,FL,GA,IL,IA,KS,KY,LA,ME,MD,MA|
| and worked these:    MI,MN,MT,NH,NJ,NY,NC,ND,OH,OK,OR,PA,RI,TX,VT,VA,WA|
|                      WI                                           |
|_____
```

K2JHU only QRP... CQC #351, GQRP # 9092, QRP-L #672

Date: Wed, 3 Sep 1997 08:52:43 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@lehigh.edu>
Subject: [26096] Re: Interesting tid bit.
Message-ID: <Pine.LNX.3.93.970903084831.637B-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 2 Sep 1986, Vincent Ferme wrote:

> -.-. --.-, yes a new radio would be fine. Wait a second!!! I am not
<snip>
> the bus a gentleman was answering a cell phone call. Is this something new?

Probably the Nokia 638, I have one and have the ring set to #5 which is "CQ", I've shown it to several ham friends and best we can figure there is a ham buried in the programming department at Nokia. Still, it is fun to have it go off in the back of the room, you know who all the hams are when they turn their heads:) 72

```
-- Chris Cartwright,   Technical Engineer   |       ccart@vidtel.com       --
-- N3XRV               QRP WAS 17/9 (w/c)   |       ccart@erols.com      --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #????? | http://dns.vidtel.com/~ccart --
-- WIMPS Q's=04 30M=04 17M=00 12M=00 STATES=03/00/00 DX=00/00/00 QSL's=00 --
```

Date: Wed, 3 Sep 1997 08:26:21 -0500
From: Brian Cieslak <brianc@ams-i.com>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [26097] RE: WAS on 40M
Message-ID: <50F91F96FB1FD11191C100A0C95B2937ECF7@COMMSERVER>
MIME-Version: 1.0
Content-Type: text/plain

I guess I too am old fashioned....If a ham asks for a QSL on the air I send one.

If I get one in the mail I reply...

If an SASE is included ...God Bless'em.

Occassionally I get an envelope with more than one card for different QSO's with the same Ham....Instead of sending him multiple copies of the same card I send different desgins of my card....

I guess it's all cuz I still get a thrill out of receiving QSL's too.

Brian
AE9K

Brian Cieslak
Project Engineer

Adaptive Micro Systems
Milwaukee, Wisconsin

Date: Wed, 3 Sep 1997 09:53:42 -0400
From: "Thomas J. McCuen" <TMcCuen@CompuServe.COM>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [26098] Wire ant..
Message-ID: <199709030953_MC2-1EFF-DE8B@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

I know this was mentioned not to long ago , but I didn't see an answer (prob missed it)

I'm running a wire for 40m at abt 33' from my tuner...This puts the voltage low / current loop high at the tuner.

Would I be better off running a 1/2w of 66' which now puts the voltage high at the rig or jumping up to 3/4w at 100' to keep the voltage loop low again??
(hopefully there's a TALL tree !)

I know a 1/4w counterpoise ground will solve most of the rf problems....but what abt the best output.... under same conditions which length should be better??

tnx
Tom

Date: Wed, 3 Sep 1997 09:58:19 -0400
From: "David Maliniak" <dmaliniak@penton.com>
To: qrp-l@Lehigh.EDU
Subject: [26099] Re: Hamfest gel cells
Message-ID: <85256507.004C3FB1.00@mail.penton.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Scott and all:

Well, I guess I've been pretty lucky. I've bought several gel cells at

hamfests and haven't gotten a bad one yet. In each case, I was fully aware that I was buying burglar-alarm pulls. Didn't happen to have a DMM with me. Yet, I'd get these puppies home and they'd always be sitting at 13 V or so. Hooked them up to the A&A smart charger and they'd top off close to 14 V.

Best deal was this past June in Teaneck. I came away with two 7-Ah Yuasa cells for \$1 each. Both are in great shape and are mainstays of the station here. Whenever you hear me, I'm running off a gel cell, so I like to look for them at hamfests.

I know that my luck won't hold out forever, but it's been a good ride so far. Best way to protect yourself, I suppose, is to bring a little multimeter with us to the hamfests.

72 David N2SMH
Glen Rock, NJ

Date: Wed, 03 Sep 1997 7:22:56 MST
From: Mike Robinson <miker@comlinear.nsc.com>
To: qrp-1@Lehigh.EDU
Subject: [26100] Are we Communicating?
Message-ID: <199709031422.HAA04991@gecko.nsc.com>

It's been said here before, unfortunately, not all ops in CW land are subscribers.

Communicating is a 3 way street. We talk (send), We listen (receive) but most importantly We HEAR (understand).

I monitored a QSO between KG9KD Duane and a CA station (call withheld). KG9KD was running 5 watts and had a very nice signal into Colorado. The CA station was running 50 watts and pounding in. First Duane asked for CA to "QRS a bit, QRS a bit". CA came back at the same 25wpm he started with. Duane came back again and exclaimed that he a hard enough time at 20wpm, please slow down. CA persisted at 25wpm.

Duane, I kept waiting for you blow this guy off and call CQ so we could have a 2 way QRP QSO. Alas, the kids were demanding my attention and I couldn't wait.

Were it me, I would have 73'd him and gone on with life.

Am I out of line here?

```
=====
73 Michael N7MR                      http://www.frii.com/~michael
Michael.Robinson@nsc.com             michael@frii.com
QRP-L #126                          Norcal #857                CQC #180
=====
```

Date: Wed, 3 Sep 1997 15:28:45 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@lehigh.edu
Subject: [26101] Re: WAS, QSLs, es stuff
Message-ID: <199709031428.PAA25572@chuck.dallas.sgi.com>

Gang,

An old topic but still new to a lot of people is QSL'ng. I think IMHO that the two most important things is (and this is emphasized by every book and article that I have seen) ALL the information on one side of the card and I enclose a mailing label with my card.

I always send my cards in envelopes. Yes, I know it is more expensive but I know that it will get there without getting damaged by the USPS automated monster(s). QSL cards that I get from others that are not in envelopes are almost always damaged in some manner and I mean always. Besides I have a graphic on the backside of my card. :-)

And we get into religious flame wars on the SASE issue. I do not SASE unless it is a rare state or DX. As some have pointed out even an SASE will not guarantee a reply. Also on the contest issues. If you work a contestor, they will QSL more frequently. They remember when they first got started and they want you to work them again during the next test. They need the points just like you do. It would be interesting to get the ARRL to disqualify contest stations and their scores if they did not QSL. Oh, what a flamewar that would start up..... :-) Don't even suggest it gang. Those guys with 1400+ Q's would have an expense annually that would break a lot of us, but they are usually the guys with the \$8,000+ setups anyway..... Someone mentioned the 400+ Q's during SS for QRPers. Two things - those guys and gals have very very large antenna setups and they can do 30 WPM, so what does that tell you??

And as Ron has mentioned he has some cards pending so I don't panic and have gotten cards a long time after the QSO has occurred.

WAS - worked all states. Be sure to read the ARRL rules on WAS. The most important thing being that all QSOs be within a 35 mile geographical location. I think that some people are ignoring this little rule or have forgotten about it.

On Monday of next week a rather important event, well not Earth shattering, will occur. I have to fly to MN on Sunday for a class that I will be attending in Eagan MN starting on Tuesday. On Monday I will drive over to SD and ND. These are the last two states that I need for having personally been in all 50 states, so it's WAS (Walked All States). Also this is to personally verify that the geography teachers and the maps haven't been modified in any manner and that ND and SD really really exist. :-) ;-) I have seen all the notes on WAS that QRPers are having difficulty getting those two. I will be carrying a Sierra and a tuner so some operation will occur. Just have to figure out how to notify the group as to freqs etc. Probably 20, 30, and 40M, so stay tuned if interested.

I found out last night that the 'mountain top' is now mine and Phyllis's property. So now I have to go back and plant some Silver Leaf Maples and Bradford Pear trees at certain locations on the lot so that in four or five years the antenna supports will be in place. :-) CCR's do allow a crank-up tower so the Force 12 will be on order in time for the move-in. ;-)

Now the pressure is on me to get KL7 on 30M before the move. Come on sunspots!! Someone on the list mentioned that at the time that I move the spots will be coming down. OK, when the spots come down you gotta move up. ;-)

Let's see how far to Phoenix and how far to the CA Burger Place?

dit dit

--

Chuck Adams K5FO CP-60 adams@sgi.com

<http://reality.sgi.com/adams/index.html>

WIMPS: Qs=063 30m=56 17m=7 12m=0 States=28/05/00 DX=05/02/00 QSLs=025

Date: Wed, 3 Sep 1997 08:12:41 -0700 (PDT)
From: Monte Stark <ku7y@sage.dri.edu>
To: Chuck Adams <adams@chuck.dallas.sgi.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26102] Re: WAS, QSLs, es stuff
Message-ID: <Pine.SUN.3.90.970903075941.4714A-1000000@vortex>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 3 Sep 1997, Chuck Adams wrote:

> Someone mentioned the 400+ Q's during SS
> for QRPers. Two things - those guys and gals have very very large
> antenna setups and they can do 30 WPM, so what does that tell you??

Hi Chuck,

Well, I'd like to disagree here.....400 Q's in SS isn't all that many.
I did more than that with only a 24' pipe as a vertical last year.

Not a bad antenna, but not a real killer either. With the yagi up high
I hope to do even better this year.

But the 30wpm? In a major contest, if you want to get a large number
of QSOs, you MUST get up to at least 30 wpm!

Repeat after me....."I will practice more....I will practice more....."

> And as Ron has mentioned he has some cards pending so I don't panic
> and have gotten cards a long time after the QSO has occurred.

After I get the connections on the tower safe for winter, (this weekend
I hope), I'll try getting that data off the dead computer!

> I found out last night that the 'mountain top' is now mine and Phyllis's
> property. So now I have to go back and plant some Silver Leaf Maples and
> Bradford Pear trees at certain locations on the lot so that in four or five
> years the antenna supports will be in place. :-) CCR's do allow a crank-up
> tower so the Force 12 will be on order in time for the move-in. ;-)

Oh no, there goes the neighborhood! I can see that just before SS I'll need
to go there and sell lots of bug zappers and dimmer switchs door to door!
:-)

Last year he beat me in SS buy using a mega station.....now that I have
a real antenna for this year, he is going to use an even bigger MEGA
station with multi towers!

But it looks like the kid from Texas is getting so worried that he is
now buying his own MEGA location.....and all for a dinner! :-)

How many acres did you say that was Chuck?? :-)

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 03 Sep 1997 10:08:23
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@Lehigh.EDU
Subject: [26103] Loop de loop
Message-ID: <3.0.1.16.19970903100823.22cf8bc4@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

One last question for the small loop experts....

The antenna book talks some about adding radials. If I were to do this, would they attach to the bottom of the loop where the coax feed is? And, can they be angled off or need to be straight out from the loop?

Many thanks to all for the helpfull hints the last few days.

73,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Wed, 3 Sep 1997 10:26:08 -0500
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)
To: qrp-l@Lehigh.EDU
Subject: [26104] OF QSL's, etc.
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

Gang,

I'll echo what most of the others have said regarding QSLing.

When I first got active again, I was not really interested in "chasing paper". However, I have gotten interested in the last year, or so. I guess I've been lucky, because I'm about 98% when I send a SASE. I lack 4 states for WAS on 20m (I know, it should be easy on 20, but these 4 states are HARD).

DX is another story. I've been on a DX kick lately - I've sent out about 80 cards to the Bureau over the last 2 months. I'll be really interested in seeing how long it takes, and how many DXers QSL me.

It really is nice to have all the QSO info and a LARGE callsign on the front of the card. A little note on the back adds a nice touch, but I certainly understand lack of time to do this. Since I'm not sending out hundreds of cards a month, I always include a little note to the other person.

Have fun, remember to enjoy yourself and just relax.

73 de Dave NR3E/5
nr Dallas, TX
qrp-1 #25, Winner:1997 Texas QSO Party[QRP]
WIMPS: Qs=061 30m=041 17m=15 12m=05 States=027/08/04
DX=02/04/01

Date: Wed, 3 Sep 1997 10:36:05 -0500
From: bill@taprov.com (Bill Cleveland)
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-1@lehigh.edu>
Cc: "'miker@comlinear.nsc.com'" <miker@comlinear.nsc.com>
Subject: [26105] RE: Are we Communicating?
Message-ID: <01BCB855.3032D560.bill@taprov.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I don't think you are out of line.

The problem is:

IMHO, the current licensing scheme places more emphasis on Phone operation. Almost all new hams gravitate to the voice modes on 2 meters. Later they crave the world

wide

propagation of HF, and study morse code just so they can operate HF SSB.

Unfortunately the popularity of phone operation combined with the rhetoric that CW is an outdated and obsolete mode, has driven all the experienced CW operators into seclusion.

With no experienced CW operators making there knowlege available at local club meetings,

those few who actually want to work CW do not learn the skills or operating practice from a

mentor and must rely on written material or just "ad lib" on the air.

I'll bet you, the CA station didn't even know what QRS meant. I give the code exams in Mobile

and based on the QSO text that these operators study with, the only abbreviations they

actually know and remember is QSL, QRT, QTH and RST. Anything else is foreign to them.

With CW falling to the wayside, QRP operation may fall as well as our audience shrink. I know

there is QRP SSB, I mean the building of simple kits and learning from them will suffer since

most of the kits operate CW only.

Experience CW ops must make their presence known at thier local club meetings, and help

the up-and-coming CW ops. Otherwise, the problem will grow worse.

BTW, before I get off my soapbox - Don't you hate it when you call CW at 13 WPM only to have

a station answer at 25 WPM? What happen to the practice of zero beating and matching the

sending speed?

=====

73 de

Bill Cleveland, KR4TZ GRID: EM50vp QRP-L# 1184 ARS# 289

Mobile, AL ARRL MEMBER / AL Section ASM

email: bill@taprov.com

On Wednesday, September 03, 1997 9:23 AM, Mike Robinson

[SMTP:miker@comlinear.nsc.com] wrote:

<snip>

> > I monitored a QSO between KG9KD Duane and a CA station (call

> withheld).

<snip>
> First Duane asked for CA to "QRS a bit,
<snip>
> Duane came back again and exclaimed that he a hard enough
> time at 20wpm, please slow down. CA persisted at 25wpm.
<snip>
> Were it me, I would have 73'd him and gone on with life.
> Am I out of line here?

Date: Wed, 3 Sep 1997 08:52:37 -0700
From: rob3ert@juno.com (Robert G. Parks)
To: miker@comlinear.nsc.com
Cc: qrp-1@Lehigh.EDU
Subject: [26106] Re: Are we Communicating?
Message-ID: <19970903.085244.3670.0.rob3ert@juno.com>

Mike,

IMHO you are RIGHT ON!

Regards.

72/73

Bob Parks
K6AEC (Las Vegas)

On Wed, 03 Sep 1997 7:22:56 MST Mike Robinson <miker@comlinear.nsc.com>
writes:

>
>It's been said here before, unfortunately, not all ops in CW
>land are subscribers.
>
>Communicating is a 3 way street. We talk (send), We listen
>(receive) but most importantly We HEAR (understand).
>
>I monitored a QSO between KG9KD Duane and a CA station (call
>withheld). KG9KD was running 5 watts and had a very nice
>signal into Colorado. The CA station was running 50 watts
>and pounding in. First Duane asked for CA to "QRS a bit,
>QRS a bit". CA came back at the same 25wpm he started with.
>Duane came back again and exclaimed that he a hard enough

>time at 20wpm, please slow down. CA persisted at 25wpm.
>
snip-----
>
>Were it me, I would have 73'd him and gone on with life.
>
>Am I out of line here?
>
>
>=====

>73 Michael N7MR	http://www.frii.com/~michael
>Michael.Robinson@nsc.com	michael@frii.com
>QRP-L #126	Norcal #857 CQC #180

>=====

Date: Wed, 3 Sep 1997 12:04:05 -0400 (EDT)
From: SKIPNC90@aol.com
To: qrp-l@Lehigh.EDU
Subject: [26107] Re: QRPp MW? (Not in My Physics Book!) & SPRINT
Message-ID: <970903120138_-865158917@emout18.mail.aol.com>

How do you send a lower case "M"
in CW ? I did not know there was a
difference set of characters for upper
and lower case letters in CW.

Date: Wed, 3 Sep 1997 12:43:26 -0400 (EDT)
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
To: qrp-l@lehigh.edu
Subject: [26108] WTB test equipment
Message-ID: <Pine.GS0.3.96.970903124211.22994C-100000@xena.acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Looking for RF voltmeter HP410B

AF signal generator HP200AB

Buy or trade for qrp gear.

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

Date: Wed, 03 Sep 1997 12:50:27 -0400
From: Greg Weinfurtner <weinfurtner@ouvaxa.cats.ohiou.edu>
To: qrp-l@lehigh.edu
Subject: [26109] Tnx to all on 10 meter Calling Freq
Message-ID: <v03110702b033446abca6@[132.235.72.186]>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7BIT

Gang,

Looks like the consensus is 28.400 mhz! I'll be listening all this week on that freq after work. That is about 2030 UTC (4:30 pm local) til evening hours of 2400 UTC or so.

10 meters is really coming alive as of late. Heard some LU's and an HK (Argentina, Columbia) on this past weekend and posted to the N8HTT packet network. I think I was the only one posting 10 meter spots, lots of 15 meter spots going on too. Hope to hear some of you on!

Also was able to hear the RS 12 satellite beacon on. One of these days I'm gonna get into that sat stuff...as if I don't have enough projects going on right now...haha!

73 de NS80 Greg

Date: Wed, 3 Sep 1997 08:33:09 -0700
From: gsurrency@juno.com (Gary L L Surrency)

To: adams@chuck.dallas.sgi.com
Cc: qrp-1@Lehigh.EDU
Subject: [26110] Re: WAS, QSLs, es stuff
Message-ID: <19970903.100251.12006.2.gsurrency@juno.com>

Welcome to AZ, Chuck! Phoenix is about an hour and a half from Prescott, depending on how many roll overs are on I-17! :-) Hope to see you at some ScQRPion meetings in the future!

BTW gang, 30m was wide open last night. Worked Jack, ZL4WA around 10.124 Mhz at 0515Z with the TS 570D at 5 watts The 38S just doesn't tune that high, or I would have used it! ;-)

Also 9Y4/PA3EWP was nabbed near 10.103 Mhz @ 0519Z. The band was wide open to many areas, including some East coast US states. Band conditions were pretty stable, with only slight QSB & QRN. 30m is really cool when it is open! Not too many stations on, but a few DXers were still awake.

So take a listen on 30m late at night for some easy DX.

72.

AB7MY
Gary Surrency
Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions, ARRL VE

Date: Wed, 03 Sep 1997 10:22:56 -0700
From: Elliott Lawrence <edl@pacbell.net>
To: qrp-1@Lehigh.EDU
Subject: [26111] 38S
Message-ID: <340D9CF0.76EE@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have a completed 38S with the 5 watt mod installed. I have performed some of the suggested upgrades that improve a bit on some aspects of performance (inductor changes, cap changes/additions.) The unit does NOT have the TICK, RIT or other modifications. All of the external parts are attached, RF pot, tuning pot (single turn), power connector, audio jack and BNC.

The unit tunes from approximately 10103 to 10117. The power output can easily be made to exceed 5 watts. I have had several QSO's with it. I have decided to not go further and put it in a cabinet etc. It might need

some tweaking to further optimize the rf sensitivity. Paper work included.

I am asking \$38 postage paid for it. If anyone is interested please contact me directly. First come, first served.

72/73

Elliott WA6TLA

NorCal #1402, QRP-L #920, QRP ARCI #9334

Date: Wed, 03 Sep 1997 13:42:59 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [26112] Re: WAS, QSLs, es stuff
Message-ID: <340DA1A3.77CA@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

35 miles? <http://www.arrl.org/awards/was/>

Zack Lau W1VT 9 states and 15 grids on 10 GHz

Date: Wed, 03 Sep 1997 11:41:46 -0600
From: "Phil, K6LS" <k6ls@qsl.net>
To: SKIPNC90@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [26113] Re: QRPP MW? (Not in My Physics Book!) & SPRINT
Message-ID: <340D934A.317E@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

SKIPNC90@aol.com wrote:

>
> How do you send a lower case "M"
> in CW ? I did not know there was a
> difference set of characters for upper
> and lower case letters in CW.

Upper and lower case letters are easy if you use the right key.

Not a straight key or paddles, but an ASCII ! yes! you read correctly,
it sends in lower case unless you use the 'shift' key to send uppercase.

I figured some of the real old timers would know that. ;-)

HI

--

73 de Phil, K6LS/0
QRP-L #612 NorCal #824
CQC #471 ARCI #8866
k6ls@qsl.net <or> k6ls@amsat.org
DM79or, Arapahoe County, Colorado
ITU zone 7, CQ zone 4
<http://www.qsl.net/k6ls>
Corrective eyewear recommended due to
the warped sense of humor on this end.

Date: Wed, 03 Sep 1997 10:39:50 -0700
From: Elliott Lawrence <edl@pacbell.net>
To: qrp-l@lehigh.edu, mnt@worldnet.att.net
Subject: [26114] Re: 38S
Message-ID: <340DA0E6.47A5@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Elliott Lawrence wrote:

>
> I have a completed 38S with the 5 watt mod installed. I have performed
> some of the suggested upgrades that improve a bit on some aspects of
> performance (inductor changes, cap changes/additions.) The unit does NOT
> have the TICK, RIT or other modifications. All of the external parts are
> attached, RF pot, tuning pot (single turn), power connector, audio jack
> and BNC.
>
> The unit tunes from approximately 10103 to 10117. The power output can
> easily be made to exceed 5 watts. I have had several QSO's with it. I
> have decided to not go further and put it in a cabinet etc. It might need
> some tweaking to further optimize the rf sensitivity. Paper work
> included.
>
> I am asking \$38 postage paid for it. If anyone is interested please
> contact me directly. First come, first served.

>
> 72/73
> Elliott WA6TLA
> NorCal #1402, QRP-L #920, QRP ARCI #9334

It took exactly 11 minutes to sell the unit.

Elliott WA6TLA

Date: Wed, 3 Sep 1997 18:45:48 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: zlau@arrl.org
Cc: qrp-l@Lehigh.EDU
Subject: [26115] Re: WAS, QSLs, es stuff
Message-ID: <199709031745.SAA26348@chuck.dallas.sgi.com>

OK, 50 miles. :-)

--

Chuck Adams K5FO CP-60 adams@sgi.com
<http://reality.sgi.com/adams/index.html>
WIMPS: Qs=063 30m=56 17m=7 12m=0 States=28/05/00 DX=05/02/00 QSLs=025

Date: Wed, 03 Sep 1997 11:45:17 -0600
From: Doug <doug@sunrise.alpinet.net>
To: psykey@okcforum.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26116] Re: FEEDLINE 101
Message-ID: <340DA22D.B6E03552@alpinet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Jim and the Gang.....just for what it's worth, I use the "random" length antenna in a Vee configuration. Except, this one's 400' long and center fed with homebrew ladder line made from 0.109" copper/steel wire, spaced at 2.5 inches on centers. It works out to 460 ohms, plus or minus, but who cares? It radiates nicely. The line is terminated in a 10kw W2AW balun hung on the outside of the house and grounded there for lightning protection, and then coax into the shack to the tuner.

The antenna works well up to 24 mhz....and then gets a big squirrely from there up. It's no doubt too long to do a decent job of radiating a signal at that freq. But, 95% of what I do is below 15 mhz anyhow, so it is the best configuration for me.

We get 120mph winds here Oct through March, so it's a bit hard to keep anything made of aluminum in the air for long. Using the big wire antennas allows me to put them in, pull most of the slack out with fence stretchers and lock it down. Or, at least so far. But, who knows what Mother Nature's got in store for us this year?

Build it, tune it and get on the air. If it radiates, it'll do.

73

Doug, K7YD
Livingston, MT

Jim Glover wrote:

```
> Don (w4bws@juno.com) posted:
>
> > If you want to put up an antenna with "no sweat" you can erect the
> > "McCoy
> > Dipole".
> > Thats a flattop long enough to reach between your two supports<where
> > ever
> > they may be, and 400 ohm ladderline feedline long enough to reach
> > your
> > shack. Use a good match box, preferrably link coupled like a Johnson
>
> > Matchbox, and you have a good all band antenna. No Sweat.
>
> Btw, this same configuration is aka "The Double Zepp" (though purists
> would
> frown on that, since the original Zeppelin antenna used a
> quarter-wavelength
> for both the feedline, and the radiating element, while this more
> general
> version is aptly described by Don's "long enough").
>
```

> And, oh yeah...the feedline can be any balanced feedline (doesn't
> necessarily
> have to be 400 ohm ladderline).
>
> I've been wondering lately...does this design work OK in an inverted V
>
> configuration? I could squeeze a single support into my back yard,
> but
> that's about it. Anyone know if the inverted V version works as well
> as
> the flattop version (or nearly as well)?
>
> --Jim WB5UDE

Date: Wed, 03 Sep 1997 09:09:04 -0700
From: Ken Lopez <kjlopez@earthlink.net>
To: ccart@dns.vidtel.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [26117] Re: Interesting tid bit.
Message-ID: <340D8BA4.5ED7@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chris Cartwright wrote:

>
> On Tue, 2 Sep 1986, Vincent Ferme wrote:
>
> > --. --.-, yes a new radio would be fine. Wait a second!!! I am not
> <snip>
> > the bus a gentleman was answering a cell phone call.

> Probably the Nokia 638, I have one and have the ring set to #5 which is
> "CQ", I've shown it to several ham friends and best we can figure there is
> a ham buried in the programming department at Nokia.

The very famous DX'er, Marti Lane, OH2BH, is a high level executive at Nokia.

Cheers,
Ken, N6TZV

Date: Wed, 03 Sep 1997 13:59:22 EDT
From: w4bws@juno.com (Donald E Sanders)
To: kd1jv@moose.ncia.net
Cc: qrp-l@Lehigh.EDU
Subject: [26118] Re: Loop de loop
Message-ID: <19970903.141105.2199.0.W4BWS@juno.com>

The radials are usually used under a vertically oriented loop, laying on the ground, with the bottom of the loop about 2 to 3 feet above ground. The feed line attaches to the loop but not the radials, they just reduce ground absorption and reinforce the incident wave. When mounted horizontal, radials usually are not needed, but if used I believe they should be 1/2 wave or more spacing from loop.
Don W4BWS

On Wed, 03 Sep 1997 10:08:23 Steven Weber <kd1jv@moose.ncia.net> writes:
>One last question for the small loop experts....
>
>The antenna book talks some about adding radials. If I were to do
>this,
>would they attach to the bottom of the loop where the coax feed is?
>And,
>can they be angled off or need to be straight out from the loop?
>
>Many thanks to all for the helpful hints the last few days.
>
>73,
>Steve, KD1JV....In the White Mountains of New Hampshire
>
>"Melt Solder"
>
>

Date: Wed, 3 Sep 1997 14:05:19 -0400
From: "Kevin F. Glynn" <KFGlynn@prodigy.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [26119] Looking for QSO with NE and HI, any takers?
Message-ID: <199709031803.0AA16706@mailly-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Hi gang,

Been seeing the thread lately re: QSLs, and I've been looking for Nebraska and Hawaii for WAS CW. I've worked NE about 6 times, but don't have a QSL as of yet. Double-SASEs, etc...

If anyone would like to try a sked with N2T0 from NYC please let me know.

Thanks so much.

72 Kevin N2T0
kfglynn@prodigy.net

Date: Wed, 3 Sep 1997 14:09:04 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [26120] Re: Interesting tid bit.
Message-ID: <Pine.LNX.3.93.970903140730.1042H-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 3 Sep 1997, Ken Lopez wrote:

> > a ham buried in the programming department at Nokia.
>
> The very famous DX'er, Marti Lane, OH2BH, is a high level executive at
> Nokia.

Ok, so maybe he isn't buried, and not a programmer, but I did get the part about being a ham right :) Thanks for the info, now I have another call to listen for, 72

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV QRP WAS 17/9 (w/c) | ccart@erols.com --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? | http://dns.vidtel.com/~ccart --
-- WIMPS Q's=04 30M=04 17M=00 12M=00 STATES=03/00/00 DX=00/00/00 QSL's=00 --

Date: Wed, 3 Sep 1997 14:40:35 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>

To: QRP Reflector <qrp-1@Lehigh.EDU>
Subject: [26121] Messages from abaforum.es ??
Message-ID: <Pine.LNX.3.93.970903143439.1042I-1000000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Is anyone else getting a "No Such User" message (see below) when they post? Hate to bother the list, but I'm trying to find out who to yell at ;)
Respond via email.

Date: Wed, 03 Sep 97 20:32:42 +0200
From: MDaemon@abaforum.es
To: ccart@dns.vidtel.com
Subject: Warning: No Such User!
Parts/attachments:

```
-- Chris Cartwright,   Technical Engineer   |      ccart@vidtel.com      --  
-- N3XRV               QRP WAS 17/9 (w/c)   |      ccart@erols.com      --  
-- QRP-L #655 NORCAL   #1891 QRP-ARCI #???? | http://dns.vidtel.com/~ccart --  
-- WIMPS Q's=04 30M=04 17M=00 12M=00 STATES=03/00/00 DX=00/00/00 QSL's=00 --
```

Date: Wed, 03 Sep 1997 11:37:21 -0700
From: David Adams <adamsclan@netgate.net>
To: zlau@arrl.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [26122] The Explorer II is christened....
Message-ID: <340DAE61.3001@netgate.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

...well sorta anyways....

I woke up this morning and turned on the newly aligned explorer II which Brittany and I built. I called CQ to no avail for about 10 minutes and was beginning to wonder if I was transmitting and receiving on the same freq. I opened the audio filter up wide and flipped the RIT up and down and heard a CQ...I quickly tuned in, narrowed down and answered (wa6ysd for the curious). He came back with the following "s s s n9uxu n9uxu n9uxB00M!" No, for those of you who are worried about my little explorer 2 lying in pieces, let me say that that is not the case. It

just happens that in the midst of the third rep of my call, I was smashed with electrical noise. I thought that I had nuked the receiver in some manner that was not readily apparant, so I switched on the explorer 1 and the kenwood 440...they were both completely swamped...and the wa6syd had been 599 plus infinity, but was completely gone....as the noise didn't subside, I took a shower and went to work.

On the way to work, whilst passing the substation (I live about a block and a half from one), I noticed four pge trucks at the station, so I'm guessing the prob will be resolved when I get home...it was a shame to miss the contact though...but at least I know that I'm aligned and being heard.

Anyone, know why one would send s s s instead of r r r? He was sending with a good fist, so I doubt that it was just bad r's.....

Regardless, I love the explorer II. The receiver is SO much better than the ex 1 and the variable filter is a god send. Now I just have to mount a blue sky freq display.

73 de dave, n9uxu

Date: Wed, 03 Sep 1997 14:48:09 -0500
From: Christopher Moore <christopher.moore@snet.net>
To: qrp-l@lehigh.edu
Subject: [26123] QRP Contest Bands
Message-ID: <1.5.4.16.19970903194809.1e7f4e4a@mail.snet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks to the many responses I received on the proper use of 30 and 17 meters and the positive feedback on the November SS. Here are some representative comments:

Hi Chris,

I'm sure others will answer this as well, but the WARC agreement which created those new bands contained a clause that they were not to be used for competition. I, for one, am glad there are still band segments for us rag chewers on the weekends!

72 de KA2QPG,
Pierre Thomson

> All Gentlemen's Agreements seem to be "null and void"!

40 meters is becoming a grand mess! Between the Central/South american SSB, Canadian SSB all dropping further down into the CW bands, we have BIG troubles! Not to mention the "digital" folks, many of whom obviously don't listen to their receiver audio when they plunk a signal on! I heard what sounds like a Canadian "net" on SSB a day or so ago on about 7050! To add to this, I think some of the "lids" who usually operate 20 SSB have dropped down to 40 at night due to 20 being poor at night. Pray the MUF goes up and that winter soon comes! 80 will be usable again! Lots of space there.

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

Looking for: Hallicrafters SR-75 Transceiver

RK-34(VT-224) tubes, Butternut HF2V antenna

From: bruce muscolino <w6toy@pop.erols.com>

First, all frequencies are created equal, except those used by broadcasters. Big guns and slingshots can all use the same frequencies. I don't know about your contest experiences, but I worked 206 stations in 68 sections running 5 watts in last year's sweepstakes. I expect to spend the full allotment of time this year and do even better. The rig was a TS130V and a 60 foot piece of wire running out the window. BTW, I worked over 100 of those stations on 80 meters!

Jump in. As Chuck Adams has observed, during a contest the best operators in the world, using the best stations in the world are on the air! They'll hear you. BTW, there is no law requiring a station to come back to everyone he can and can't hear. If you don't get him within the first 5 minutes or so, you're wasting your time and just frustrating yourself. Move on and come back later.

73

Date: Wed, 3 Sep 1997 19:43:04 -5

From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>

To: qrp-l@Lehigh.EDU

Subject: [26124] Findlay, Ohio Hamfest this weekend

Message-ID: <199709031846.0AA06139@sparticus.bright.net>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

The Findlay Hamfest will be held this weekend at the Hancock County Fairgrounds in Findlay Ohio.

A large part of Building 4 will be devoted to QRP. Kanga US, Buckeye Electronics, Columbus QRP Club, Michigan QRP Club, and ARCI will all have tables.

For more info - drop me an e-mail - I will respond Friday night when I return from a quick business trip.

Hope to see a lot of you there.

73

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://qrp.cc.nd.edu/kanga/>
419-423-4604

Date: Wed, 3 Sep 1997 14:54:30 -0400 (EDT)
From: Jim Eshleman <lujce@hooch.cc.Lehigh.EDU>
To: ccart@dns.vidtel.com
Cc: qrp-l@Lehigh.EDU
Subject: [26125] Re: Messages from abaforum.es ??
Message-ID: <97Sep3.145440-0400_edt.10407-19496+17@hooch.cc.Lehigh.EDU>
Content-Type: text

You can always yell at me :-) The offending subscriber has been terminated.

73

Jim N3VXI

> Is anyone else getting a "No Such User" message (see below) when they
> post? Hate to bother the list, but I'm trying to find out who to yell at
> ;) Respond via email.

Date: Wed, 3 Sep 1997 20:08:23 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)

To: qrp-1@Lehigh.EDU
Subject: [26126] Termination
Message-ID: <199709031908.UAA26800@chuck.dallas.sgi.com>

Hmmmm. Guess we can call Jim the TERMINATOR.

I don't wanna be a terminatee. :-)

dit dit

--

Chuck Adams K5FO CP-60 adams@sgi.com

<http://reality.sgi.com/adams/index.html>

WIMPS: Qs=063 30m=56 17m=7 12m=0 States=28/05/00 DX=05/02/00 QSLs=025

Date: Wed, 03 Sep 1997 12:14:14 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-1@Lehigh.EDU
Subject: [26127] NorCal Meeting Sunday September 7th
Message-ID: <2.2.32.19970903191414.00dcd530@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Have you heard about the next project NorCal is going to kit?

It has been said that you will need a multiband antenna for this kit.

I have been asked if it is going to be SSB or CW or both and if it is going to have variable bandwidth.

Some claim to have seen it and have suggested you start saving your coins for you is going to have to have one anyway.

Hmmmmmmmmmmmmmmmm???

Well, I still cannot see the new kit in my crystal ball nor has 10 free minutes with my Psychic Adviser not to mention several runs on my Ouija Board been able to provide any solid clues!

Sooooooooooooo???

Make the NorCal Meeting this coming Sunday, September 7th. Maybe

the many guru's attending will be able to shed some light on the great mystery!

Need directions? Check out the NorCal Page

<http://www.fix.net/norcal.html>

Enjoy,,,C U there,,,72,,,Jerry...WA6OWR...K

Date: Wed, 3 Sep 1997 16:00:34 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-1 <qrp-1@lehigh.edu>
Cc: eax@w3eax.umd.edu
Subject: [26128] Gaithersburg, MD hamfest this Sunday
Message-ID: <Pine.LNX.3.95.970903154535.13902B-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Apparently there's gonna be a whole MESS of QRP and other folks at this one, considering it's one of the biggest hamfests on the entire east coast.

No, it's not as big as Dayton, but it's pretty darned big.

I will be able to be found on 145.49 simplex, as it's the output frequency of the U of MD repeater (W3EAX), and the machine is only running 2 watts output at present.

With this I suggest 145.49 as a QRP/U of MD freq. - the U of M folks will already be there (although not that big in number, but present).

Anyway, if you intend to take an exam or two, they will be given ON the grounds this year as opposed to "in the hotel across the street," as in previous years.

Hope to see y'all on 145.49! May the wx hold out...

To EAX'ers - I will be able to take ONE ONE ONE person. Two of the seats are already full. If you go to one hamfest per year, this is a good one.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 80 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** Hamfest, life's simple joy *

Date: Wed, 3 Sep 1997 14:44:39 +0000
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@Lehigh.EDU
Subject: [26129] New Product Announcement
Message-ID: <199709032045.0AA15776@bobcat.sni.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

The Tokyo Hi-Mound HK-708 Straight Key!

It's been a long time since Hi-Mound keys were imported from Japan into the USA, but the strength of the \$US dollar has made it possible again. Milestone Technologies is delighted to offer the classic HK-708 at a price of only \$45. Ever notice that the only new keys you could buy were either cheap junk that were difficult to adjust, hard to use, and just downright cheap and nasty, or very expensive works of art?

There was little or nothing in the "middle range," no solid, last-a-lifetime, comfortable, everyday working Morse key. Until now.

I've had my own HK-708 since around 1980, when I bought it used, in Australia, and it is still as great to use as it was when I bought it. So I was delighted when I found that they are still made, and that I was in a position to import them directly from Japan.

The HK-708 weighs a bit over a pound. The design is such that it simply will not skate on the table (the base extends the full length of the lever). Dimensions are approximately 6 inches long by 3 inches wide.

The bearings are sealed and in 17 years of use I've never had occasion to open mine up. The contacts are precision machined silver, suitable even for high voltage tube rig key lines.

Price: \$45.00 (plus \$5.00 for priority mail shipping/handling,
and sales tax if you live in CO.

Call 800-238-8205 for credit card orders,
or call 303-752-3382 for more information.

You'll find an image of the HK-708 on our home page, and you can
order your HK-708 on-line: <http://www.mtechnologies.com/mthome>.

73
Marshall Emm
N1FN/VK5FN
n1fn@mtechnologies.com
<http://www.mtechnologies.com/mthome>
(303)752-3382
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Date: Wed, 03 Sep 1997 16:40:11 EDT
From: wb2vuo@juno.com (William K Hibbert)
To: qrp-1@lehigh.edu, n2tuk@frontiernet.net, cg091@freenet.buffalo.edu,
EVMAN@IX.NETCOM.COM, bobkowa@netacc.net, billy@frontiernet.net,
djw@dos.nortel.com,
wfking@kodak.com, kg2f@frontiernet.net, wb8ygg@juno.com, rindiano@rpa.net,
duanekf2jc@aol.com, kf2xc@frontiernet.net, n2uio@frontiernet.net,
Subject: [26130] ARRL Bulletin 049: Revisions the the RF Exposure Limits
Message-ID: <19970903.163921.2063.0.wb2vuo@juno.com>

>From the ARRL, via the DXWNY DXCluster. 72/73, Keith, WB2VUO

SB QST @ ARL \$ARLB049
ARLB049 RF exposure update

ZCZC AG49
QST de W1AW
ARRL Bulletin 49 ARLB049
>From ARRL Headquarters
Newington CT August 26, 1997
To all radio amateurs

SB QST ARL ARLB049
ARLB049 RF exposure update

The FCC has revised the power level thresholds to trigger a routine
Amateur Radio station RF exposure evaluation, and the changes will

be welcome news for most hams. When the FCC first decreed a year ago that ham radio stations would have to comply with RF exposure guidelines, it set a 50-W threshold level. The updated guidelines, announced August 25, increase that threshold level on all HF bands except 10 meters, where it remains at 50 W. The FCC made no changes in the RF exposure limits it announced last year.

The new RF safety guidelines are scheduled to become effective January 1, 1998, for Amateur Radio stations.

The FCC went along in part with a request by the ARRL to establish a sliding scale for threshold levels, depending upon frequency. The revised thresholds are 500 W for 160 through 40 meters, 425 W on 30 meters (where the maximum permissible power is 200 W), 225 W on 20 meters, 125 W on 17 meters, 100 W on 15 meters, 75 W on 12 meters and 50 W on 10 meters. The threshold for all VHF bands is 50 W. On UHF, the threshold level is 70 W on 70 cm, 150 W on 33 cm, 200 W on 23 cm, and 250 W on 13 cm and above. Stations operating at or below these respective power levels are categorically excluded from having to perform a routine RF radiation evaluation. However, all stations, regardless of power level, still must comply with the RF exposure limits.

Along with its August 25 Second Memorandum Opinion and Order announcing the changes, the FCC released the ''core'' text of its long-awaited Office of Engineering and Technology (OET) Bulletin 65, Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields. The bulletin contains generic equations that can be used to analyze fields due to almost all antennas, although the FCC warns that ''the resulting estimates for power density may be overly conservative in some cases.'' Hams leery of formulas might opt to wait for the easier-to-use Supplement B to OET Bulletin 65, which will include information designed specifically for evaluating Amateur Radio installations. The supplement promises to detail how hams can determine more simply if their individual stations comply with the new regulations. The FCC says the supplement will contain ''information on projected minimum exclusion distances from typical amateur antenna installations.''

The FCC said it would issue Supplement B ''as soon as a review of the current draft is complete.'' When it's ready, Supplement B will be available to download from the FCC's Web site, <http://www.fcc.gov/oet/rfsafety>. The FCC directed inquiries as to the availability of the supplement and other RF-related questions to its RF Safety Program, 202-418-2464; e-mail rfsafety@fcc.gov.

Last year, the FCC established time-averaged maximum permissible exposure (MPE) limits for RF fields in two tiers--for controlled

environments (ie, a ham's immediate household, including visitors) and uncontrolled environments (ie, neighbors, the general public). If a routine evaluation of a ham station indicates that human exposure to RF fields could be in excess of the FCC's MPE limits, the licensee must act to correct the problem and ensure compliance. This could include changing operating patterns, relocating antennas, restricting access, changing frequency, output power or emission type or any combination of these and other remedies.

The FCC says that ham radio facilities ''represent a special case for determining exposure, since there are many possible antenna types that could be designed and used for amateur stations.''

The revised regulations categorically exclude most mobile installations, including those in the Amateur Radio Service, from having to comply with the RF-exposure or station evaluation guidelines. Since the FCC issued its guidelines, additional questions on RF safety have been added to the Amateur Radio examination question pool.

OET Bulletin 65 and the FCC Second Memorandum Opinion and Order are available at <http://www.fcc.gov/oet/dockets/et93-62/>. More details on the FCC's latest announcement on RF safety will appear in the October issue of QST.

NNNN

NQ2RP de KE2VW 1-Sep 1649Z >

Date: Wed, 3 Sep 1997 16:30:27 edt
From: k4wz@juno.com (RON L TODD)
To: KS4TX@juno.com, N4QCP@juno.com, KE4KXQ@juno.com, K4VD@worldnet.att.net, KE4QMB@juno.com, KS4CG@juno.com, FLEW45@EARTHLINK.NET, pappyg@alltel.net, KE4QMA@juno.com, jtuttle@camden.tds.net, AK4I@juno.com, qrp-1@Lehigh.EDU, KE4UTU@juno.com, TimFly50@aol.com, KE4LUZ@juno.com, N4MNA@juno.com
Subject: [26131] URL SATELLITE AND 10M FM
Message-ID: <19970903.163035.8047.0.K4WZ@juno.com>

<http://www.geocities.com/CapeCanaveral/Lab/9152>

Date: Wed, 3 Sep 1997 18:28:59 -0400
From: "Steve & Anne Ray" <sbralr@worldnet.att.net>
To: "QRP Group" <qrp-1@lehigh.edu>, <ccart@dns.vidtel.com>
Subject: [26132] Re: What has QRP and K5FO wrought

Message-ID: <19970903222949.AAA10226@pentium>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

He has given me a ham for over 35 years who has always been a tight ward on spending money the thrill of my 1st QSO with QRP. It has got me building gadgets again and having a ball. Yes, I still fire up the big rig a HW-101, but then I run it QRP SSB. If anything is going to save our hobby it is going to be QRP for kids and tight wards and some of the other fascinating modes like satelites, packett etc.

Some of the fun was building my Pixie 2 and finding I couldn't key it with my keyer so used a screw driver to key it and having a QSO. The fellow at the other end must have thought I had the worst fist he ever heard. Haven't done anything so crazy since I was a 16 year old now I am 51 and having a ball with QRP.

Steve Ray K4JPN ex K1VKW HW-101, HW-8, SWL 30-40, Pixie 2 and NC 38S
Heath Kit fan

Date: Wed, 03 Sep 1997 06:45:17
From: Dale LeDoux <dledoux@laci.net>
To: SKIPNC90@aol.com
Cc: qrp-l@lehigh.edu
Subject: [26133] Re: QRPp MW? (Not in My Physics Book!) & SPRINT
Message-ID: <3.0.1.16.19970903064517.3d270cb2@laci.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 12:04 9/3/97 -0400, you wrote:
>How do you send a lower case "M"
>in CW ? I did not know there was a
>difference set of characters for upper
>and lower case letters in CW.

>
>
>
>

I never heard of a lower-case alphabet on CW. I am just going to take a leap and assume that if the guy signs QRP and gives his power level as a number followed by "MW" that he is referring to milliwatts. If he doesn't sign 'QRP' and gives his power as a number followed by 'MW', I would tend to make the same assumption, since the other option would be that he is

operating at a multiple MEGAwatt level. this is not a usual power level on
the ham bands unless it's a California contest station (!).

Dale LeDoux - KD5QI
Bath Electrical Systems
Power Systems 480V to 230KV

End of QRP-L Digest 837
